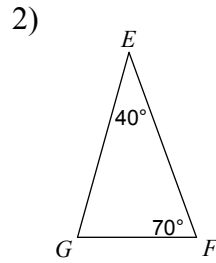
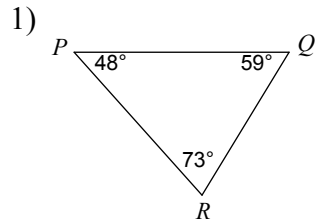


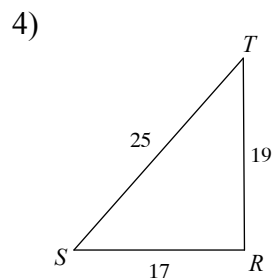
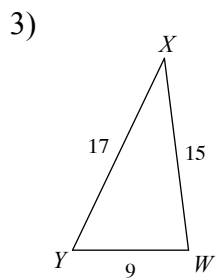
3.2 Angle/Side Relationships in a Triangle Practice

Date _____ Period _____

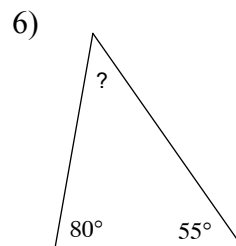
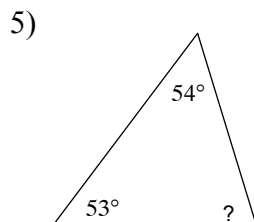
Order the sides of each triangle from shortest to longest. (2 pts. each)



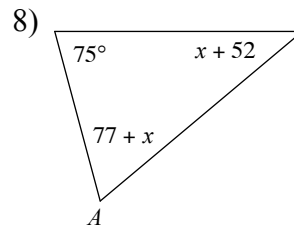
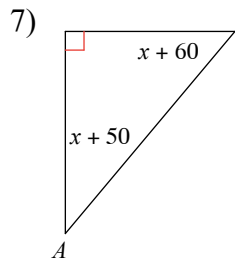
Order the angles in each triangle from smallest to largest. (2 pts. each)



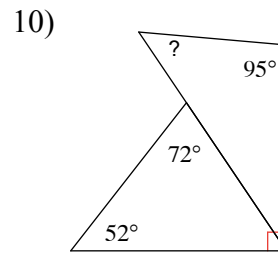
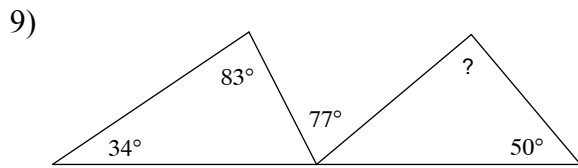
Find the measure of each angle indicated. (1 pt. each)



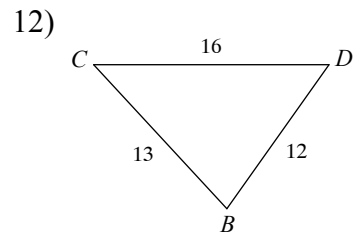
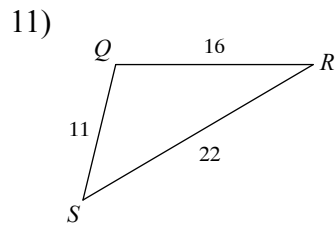
Find the measure of angle A by solving for x first. (2 pts. each)



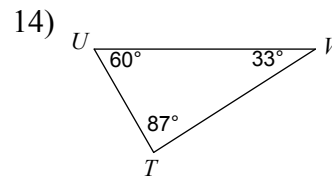
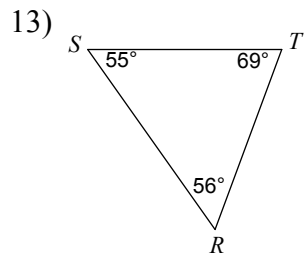
Find the measure of each angle indicated. (2 pts. each)



Name the largest and smallest angle in each triangle.

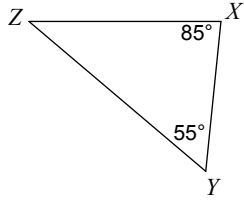


Name the longest and shortest side in each triangle.

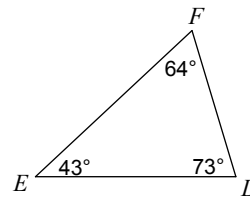


Order the sides of each triangle from shortest to longest.

15)

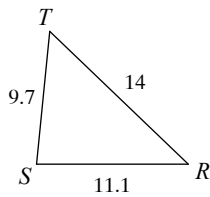


16)

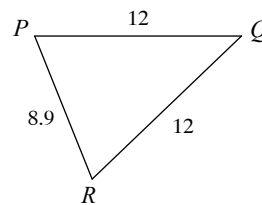


Order the angles in each triangle from smallest to largest.

17)



18)



19) In $\triangle FGH$

$$GH = 4\frac{7}{10}$$

$$FH = 5\frac{1}{2}$$

$$FG = 9$$

20) In $\triangle VWX$

$$WX = 3\frac{1}{4}$$

$$VX = 6$$

$$VW = 4\frac{1}{4}$$

Order the sides of each triangle from shortest to longest.

21) In $\triangle FED$

$$m\angle F = 105^\circ$$

$$m\angle E = 25^\circ$$

$$m\angle D = 50^\circ$$

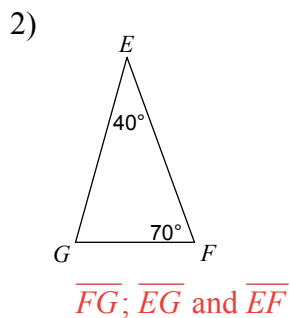
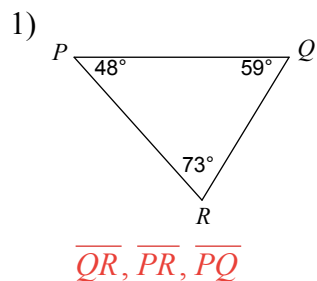
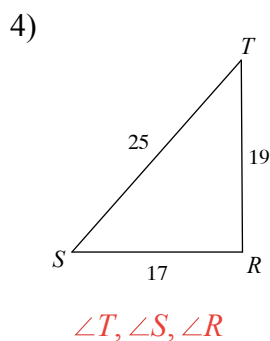
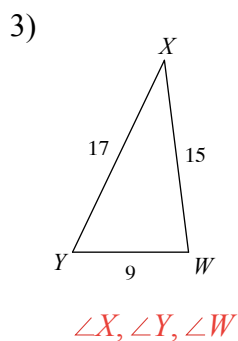
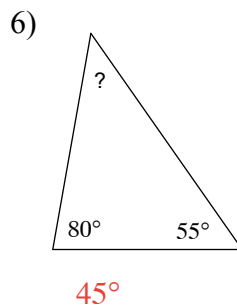
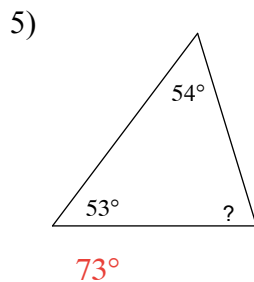
22) In $\triangle JKL$

$$m\angle J = 110^\circ$$

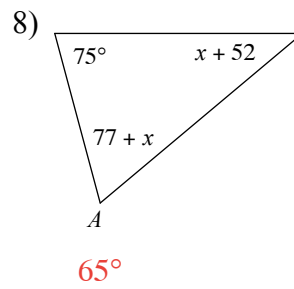
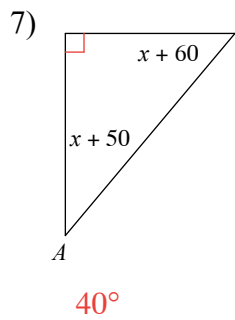
$$m\angle K = 35^\circ$$

$$m\angle L = 35^\circ$$

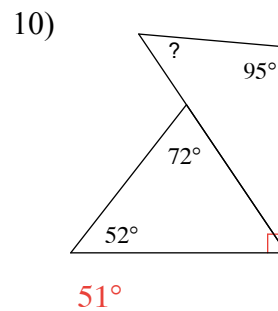
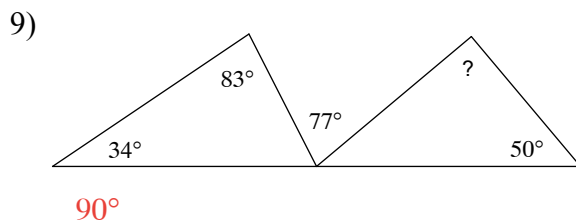
3.2 Angle/Side Relationships in a Triangle Practice Date _____ Period _____

Order the sides of each triangle from shortest to longest. (2 pts. each)**Order the angles in each triangle from smallest to largest. (2 pts. each)****Find the measure of each angle indicated. (1 pt. each)**

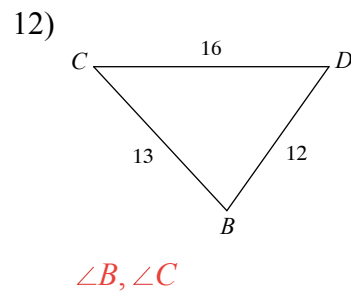
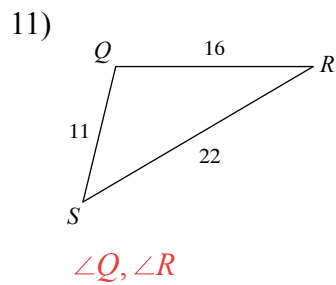
Find the measure of angle A by solving for x first. (2 pts. each)



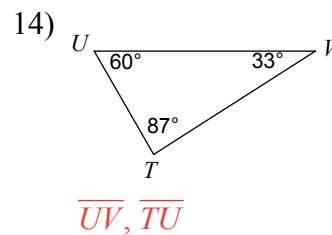
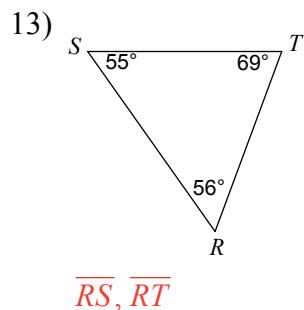
Find the measure of each angle indicated. (2 pts. each)



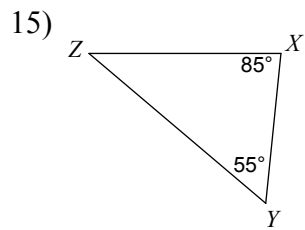
Name the largest and smallest angle in each triangle.



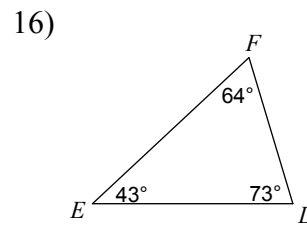
Name the longest and shortest side in each triangle.



Order the sides of each triangle from shortest to longest.

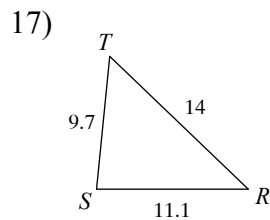


$\overline{XY}, \overline{XZ}, \overline{YZ}$

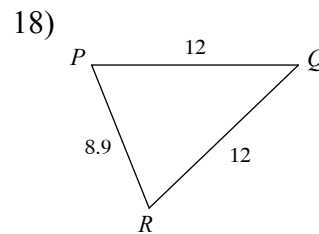


$\overline{DF}, \overline{DE}, \overline{EF}$

Order the angles in each triangle from smallest to largest.



$\angle R, \angle T, \angle S$



$\angle Q; \angle P$ and $\angle R$

19) In $\triangle FGH$
 $GH = 4\frac{7}{10}$

$FH = 5\frac{1}{2}$

$FG = 9$

$\angle F, \angle G, \angle H$

20) In $\triangle VWX$
 $WX = 3\frac{1}{4}$

$VX = 6$

$VW = 4\frac{1}{4}$

$\angle V, \angle X, \angle W$

Order the sides of each triangle from shortest to longest.

21) In $\triangle FED$
 $m\angle F = 105^\circ$
 $m\angle E = 25^\circ$
 $m\angle D = 50^\circ$

$\overline{FD}, \overline{FE}, \overline{ED}$

22) In $\triangle JKL$
 $m\angle J = 110^\circ$
 $m\angle K = 35^\circ$
 $m\angle L = 35^\circ$

\overline{JL} and $\overline{JK}; \overline{KL}$